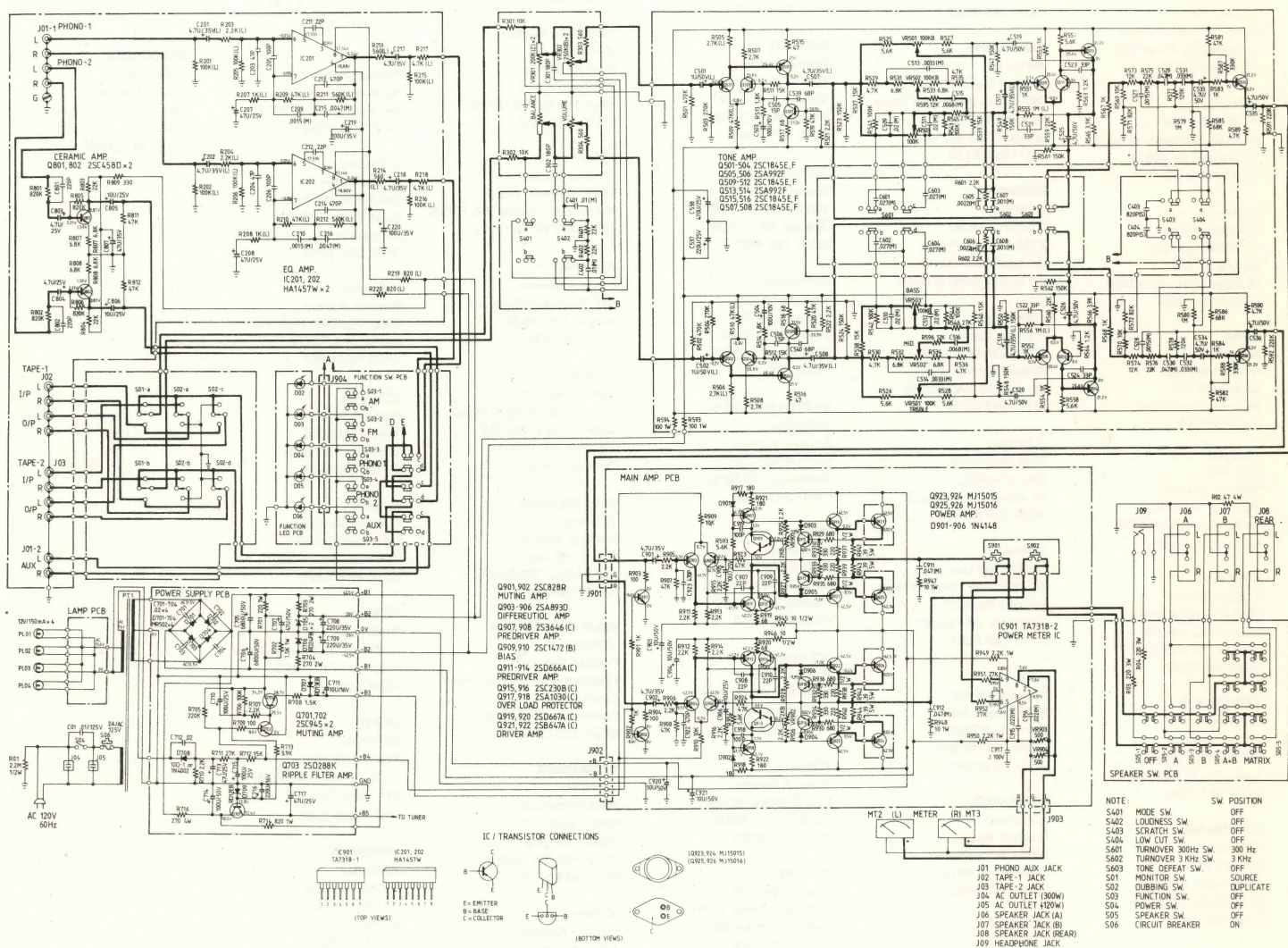


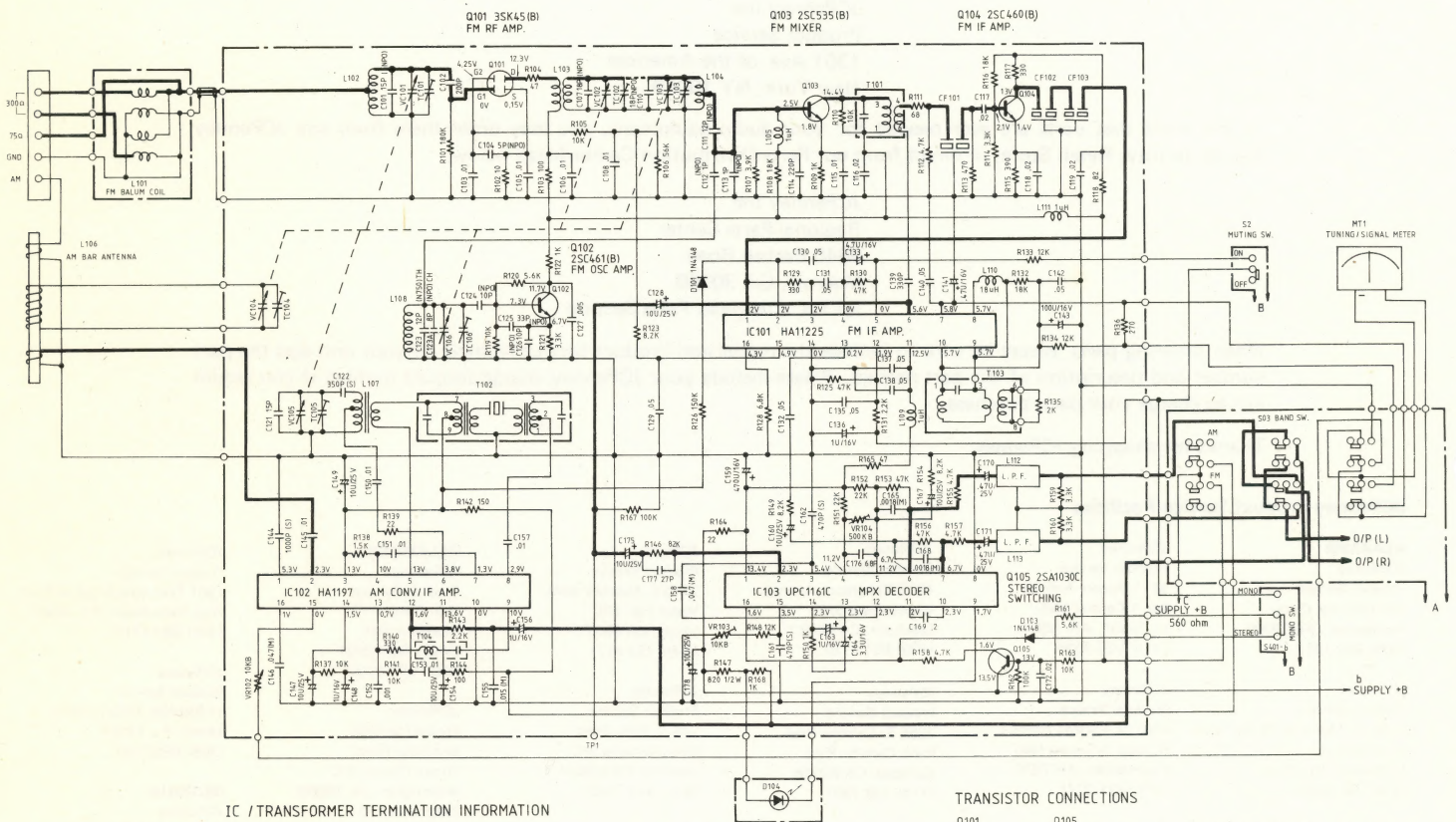
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Q102 2SC535B
FM MIX

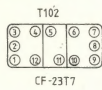
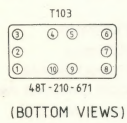
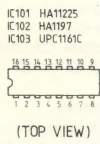


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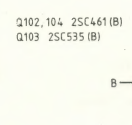
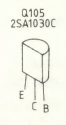
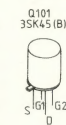
Q104 2SC460C
FM IF



IC / TRANSFORMER TERMINATION INFORMATION



TRANSISTOR CONNECTIONS



D = DRAIN
S = SOURCE
G = GATE



E = EMITTER
C = COLLECTOR
B = BASE

(BOTTOM VIEWS)

JCPenney

IMPORTANT SERVICE INFORMATION

JCPenney would like to thank you for purchasing your new audio equipment from us. It's a privilege to have you as a customer, and we know you'll enjoy your purchase for many years to come.

If there are any questions regarding the operation of your new equipment, or if you need to have it serviced, you may use the enclosed directory to locate your nearest JCPenney Service facility. You may also contact your nearest JCPenney Store or write to:

JCPenney Inc.
Product Service
1301 Ave. of the Americas
New York, NY 10019

In the event that parts are ever needed for your audio equipment, you may order them from any JCPenney Service facility, Retail Store, or direct from our Parts Distribution Center listed below:

JCPenney Inc.
Regional Parts Center
6840 Barton Road
Morrow, GA 30260
ATTN: Customer Parts Section

When ordering parts, please be sure to include the model and Product Service Number of your unit and the part number and description of the part needed. Please include your JCPenney charge account number if you would like to charge your parts purchase.

Thanks for shopping JCPenney.

JCPenney Product Service Facilities

ALABAMA

JCPenney
Product Service
234 Oxmoor Circle
Homewood, AL 35209
(205) 942-1812

JCPenney
Product Service
1001-16 Memorial Pkwy. N.W.
The Mall S/C
Huntsville, AL 35801
(319) 391-4800

ALASKA

JCPenney
Product Service
405 5th Avenue
Anchorage, AK 99501
(907) 279-5656

JCPenney
Product Service
610 Cushman St.
Fairbanks, AK 99701
(907) 452-5131

ARIZONA

JCPenney
Product Service
El Con Shopping Center
3501 East Broadway
Tucson, AZ 85716
(602) 881-2200

JCPenney
Product Service
2413 So. 21st Street
Phoenix, AZ 85034
(602) 243-7409

ARKANSAS

JCPenney
Product Service
69th Street & Scott Hamilton
Drive, Suite B
Little Rock, AR 72205
(501) 562-0071

JCPenney
Product Service
5111 Rogers Avenue
No. 1 Central Mall
Ft. Smith, AR 72901
(318) 233-3020

JCPenney
Product Service
4201 N. College Avenue
N. West Arkansas Mall
Fayetteville, AR 72701
(501) 521-2771

CALIFORNIA

JCPenney
Product Service
P.O. Box 4888 (Mailing)
6131 Orangethorpe Ave. (Ship)
Buena Park, CA 90624
(714) 523-6481

JCPenney
Product Service
31911 Hayman Street
Hayward, CA 94544
(415) 489-5401

JCPenney
Product Service
800 North Grand
Covina, CA 91724
(213) 967-9641

JCPenney
Product Service
3333 Orange Grove Avenue
No. Highlands, CA 95660
(916) 488-4680

JCPenney
Product Service
8103 Orion Avenue
Van Nuys, CA 91406
(213) 782-0940

JCPenney
Product Service
4915 Claremont Avenue
Weberstown S/C
Stockton, CA 95207
(209) 951-1110

JCPenney
Product Service
2555 El Camino Real
Plaza Camino Real
Carlsbad, CA 92008
(714) 729-7991

JCPenney
Product Service
202 Fashion Valley
Fashion Valley S/C
San Diego, CA 92108
(714) 291-6050

JCPenney
Product Service
555 E. Shaw Avenue
Fresno, CA 93710
(209) 224-8330

JCPenney
Product Service
801 East Avenue
North Valley Plaza S/C
Chico, CA 95926
(916) 345-2451

JCPenney
Product Service
800 Coddington Center
Coddington S/C
Santa Rosa, CA 95401
(707) 542-2014

JCPenney
Product Service
1523 Main Street
Valley Plaza S/C
El Centro, CA 92243
(714) 352-9510

JCPenney
Product Service
2115 S. Mooney Blvd.
Visala Fair S/C
Visala, CA 93277
(209) 732-4171

JCPenney
Product Service
245 S. Mills Road
Buenaventura S/C
Ventura, CA 93003
(805) 642-7592

JCPenney
Product Service
1330 Travis Blvd.
Solano Mall
Fairfield, CA 94533
(707) 422-0320

COLORADO

JCPenney
Product Service
680 Citadel Dr. E.
The Citadel
Colorado Springs, CO 80909
(303) 597-0050

JCPenney
Product Service
2630 West 2nd Avenue
Denver, CO 80219
(303) 753-7850

JCPenney
Product Service
3301 Dillion Drive
Pueblo Mall
Pueblo, CO 81003
(303) 545-2893

CONNECTICUT

JCPenney
Product Service
90 Progress Drive
Manchester Industrial Park
Manchester, CT 06040
(203) 643-1167

DELAWARE

JCPenney
Product Service
U.S. Route 113
Blue Hen Mall
Dover, DE 19901
(302) 674-4200

JCPenney
Product Service
Seminole Road
Price's Cornor S/C
Wilmington, DE 19808
(302) 998-1131

FLORIDA

JCPenney
Product Service
4223 Cleveland Avenue
Edison Mall S/C
Ft. Myers, FL 33901
(813) 936-8101

JCPenney
Product Service
5211 Fairmont Street
Jacksonville, FL 32207
(904) 398-8371

JCPenney
Product Service
1224 West Amelia Avenue
Orlando, FL 32805
(305) 425-9055

JCPenney
Product Service
4278 - 28th Street, North
St. Petersburg, FL 33714
(813) 521-1831

JCPenney
Product Service
575 Barton Boulevard
Rockledge, FL 32953
(305) 636-7332

JCPenney
Product Service
1801 Palm Beach Lakes Blvd.
West Palm Beach, FL 33401
(305) 683-5710

JCPenney
Product Service
11400 NW 32nd Avenue
Miami, FL 33167
(305) 685-7341

GEORGIA

JCPenney
Product Service
Five Points S/C
Valdosta, GA 31601
(912) 244-4150

JCPenney
Product Service
5998 Peachtree Road
Atlanta, GA 30341
(404) 458-8866

JCPenney
Product Service
Satilla Square
City Blvd. & Knights Avenue
Waycross, GA 31501
(912) 283-2655

JCPenney
Product Service
216 Baldwin Drive
Albany, GA 31705
(912) 435-1401

JCPenney
Product Service
Lakeshore Plaza S/C
Gainesville, GA 30501
(404) 532-3151

JCPenney
Product Service
Macon & Ridgdon Road
Columbus Square S/C
P.O. Box 6190
Columbus, GA 31906
(404) 561-5850

HAWAII
JCPenney
Product Service
716 Umi Street
Honolulu, HI 96819
(808) 847-5711

IDAHO
JCPenney
Product Service
1435 Caldwell Blvd.
Karcher Mall
Nampa, ID 83651
(208) 466-8951

ILLINOIS
JCPenney
Product Service
5301 Keystone Court
Rolling Meadows, IL 60008
(312) 398-8200

INDIANA
JCPenney
Product Service
8018 Castleway Drive
Indianapolis, IN 46250
(317) 849-6800

JCPenney
Product Service
7800 So. Anthony Blvd.
Ft. Wayne, IN 46816
(219) 447-6171

JCPenney
Product Service
201 West U.S. 20
Marquette Mall
Michigan City, IN 46360
(219) 879-7361

IOWA
JCPenney
Product Service
Crossroads S/C
Waterloo, IA 50702
(319) 232-6611

KANSAS
JCPenney
Product Service
2828 So. 44th St.
Kansas City, KS 66106
(913) 362-3200

JCPenney
Product Service
7700 E. Kellogg Avenue
Towne East Square
Wichita, KS 67207
(316) 685-6261

KENTUCKY
JCPenney
Product Service
535 Rivercity Mall
Louisville, KY 40202
(502) 361-7153

LOUISIANA
JCPenney
Product Service
1040 Hawn Avenue
Shreveport, LA 71107
(318) 221-8511

JCPenney
Product Service
1605 Louisville Avenue
Mid-City Plaza S/C
Monroe, LA 71201
(318) 325-0683

JCPenney
Product Service
296 Frontage Road
Northgate S/C
Lafayette, LA 70501
(318) 233-3020

JCPenney
Product Service
312 W. Prien Lake Rd.
Prien Lake Mall
Lake Charles, LA 70601
(318) 478-5110

MICHIGAN
JCPenney
Product Service
32036 Edward Street
Madison Heights, MI 48071
(313) 585-2070

JCPenney
Product Service
3225 28th Street, S.E.
Woodland Mall
Grand Rapids, MI 49508
(616) 949-7600

MINNESOTA
JCPenney
Product Service
5731 Washington Ave., South
Edina, MN 55436
(612) 935-0321

JCPenney
Product Service
4301-20 Division Street
Crossroads Center S/C
St. Cloud, MN 56301
(612) 252-6020

JCPenney
Product Service
101 Apache Mall
Rochester, MN 55901
(507) 288-8383

MISSISSIPPI
JCPenney
Product Service
350 Woodrow Wilson Drive
Jackson Mall S/C
Jackson, MS 39213
(601) 982-5110

MISSOURI
JCPenney
Product Service
2258 Schuetz Road
St. Louis, MO 63141
(314) 872-8060 & 8063

JCPenney
Product Service
200 Battlefield Mall
Battlefield Mall S/C
Springfield, MO 65804
(417) 883-4220

JCPenney
Product Service
East Hills S/C
St. Joseph, MO 64502
(816) 279-6381

JCPenney
Product Service
601 Business Loop 70 West
Parkade Plaza S/C
Columbia, MO 65201
(314) 449-1281

JCPenney
Product Service
101 Range Line
North Park Mall
Joplin, MO 64801
(417) 623-5700

NEBRASKA
JCPenney
Product Service
8801 "F" Street
Omaha, NE 68127
(402) 331-4000

NEVADA
JCPenney
Product Service
3542 Maryland Parkway
The Boulevard S/C
Las Vegas, NV 89109
(702) 735-5131

NEW JERSEY
JCPenney
Product Service
35 Cotters Lane
Highview Industrial Park
East Brunswick, NJ 08816
(201) 257-3840

JCPenney
Product Service
41 East Crescent Blvd.
Camden, NJ 08103
(609) 854-5556

NEW MEXICO
JCPenney
Product Service
39 Winrack Center
Albuquerque, NM 87110
(505) 298-6811

NEW YORK
JCPenney
Product Service
10 Sonwil Drive
Cheektowaga, NY 14225
(716) 685-2200

JCPenney
Product Service
684 N. Queens Avenue
Lindenhurst, NY 11757
(516) 884-1700

NORTH CAROLINA
JCPenney
Product Service
8420 Triad Drive
Colfax, NC 27235
(919) 668-0432

JCPenney
Product Service
300 Cross Creek Mall
Morganton Road & 401 BP
Fayetteville, NC 28303
(919) 864-2525

JCPenney
Product Service
802 Hardee Road
Vernon Park Mall
Kingston, NC 28501
(919) 527-5041

JCPenney
Product Service
100 North Hills S/C
Raleigh, NC 27609
(919) 787-4920

JCPenney
Product Service
Highway 64-70
Catawba Mall S/C
Hickory, NC 28601
(704) 328-2661

NORTH DAKOTA
JCPenney
Product Service
Sixth & Main St.
Bismarck, ND 58501
(701) 223-1090

OHIO
JCPenney
Product Service
5352 Jackman Road
Toledo, OH 43613
(419) 476-9515

JCPenney
Product Service
4849 Groveport Road
Columbus, OH 43207
(614) 491-8750

JCPenney
Product Service
Fort Findlay Village
Findlay, OH 45840
(419) 422-9022

JCPenney
Product Service
5245 Southway, S.W.
Canton, OH 44706
(216) 477-7284

JCPenney
Product Service
6836 Engle Road
Cleveland, OH 44130
(216) 826-0265/66

JCPenney
Product Service
125 Westpark Road
Centerville, OH 45459
(513) 433-0676

JCPenney
Product Service
8745 Munson Road, Dock B
Mentor, OH 44060
(216) 255-6096

JCPenney
Product Service
143 Boardman-Canfield Road
Youngstown, OH 44512
(216) 758-0831

OKLAHOMA
JCPenney
Product Service
4239 Will Rogers Parkway
Oklahoma City, OK 73108
(405) 946-5696

JCPenney
Product Service
4352 South 91 East Avenue
Tulsa, OK 74136
(918) 664-9133

OREGON
JCPenney
Product Service
19333 N.E. San Rafael St.
Portland, OR 97232
(503) 775-4337

JCPenney
Product Service
300 Valley River Center
Valley River S/C
Eugene, OR 97401
(503) 342-6211

PENNSYLVANIA
JCPenney
Product Service
650 Seco Road
Monroeville, PA 15146
(412) 373-2404

JCPenney
Product Service
1663 Republic Road
Huntington Valley, PA 19006
(215) 322-8010/11/12

JCPenney
Product Service
702 Pointview Avenue
Eprata, PA 17522
(717) 733-0371

JCPenney
Product Service
Goods Lane & Plank Road
Logan Valley Mall S/C
Altoona, PA 16601
(814) 944-5081

PUERTO RICO
JCPenney
Product Service
R.F.D. #3 Box 41-P
Rio Piedras, PR 00625
(809) 789-9301

SOUTH CAROLINA
JCPenney
Product Service
Pleasantburg Industrial Park
Commercial Drive
Greenville, SC 29607
(803) 235-1671

TENNESSEE
JCPenney
Product Service
West Town S/C
7600A Kingston Pike S.W.
Knoxville, TN 38919
(615) 693-4110

JCPenney
Product Service
100 Oaks Shopping Center
Powell Ave. & Thompson Lane
Nashville, TN 37204
(206) 252-4111

JCPenney
Product Service
620-32 Plaza Shopping Center
Morristown Plaza S/C
Morristown, TN 37814
(615) 586-9210

JCPenney
Product Service
522 Northgate Mall
Chattanooga, TN 37415
(615) 877-2491

TEXAS
JCPenney
Product Service
6002 Slide Road-Bldg. A
South Plains Mall
Lubbock, TX 79414
(806) 792-6841

JCPenney
Product Service
6455 Eastex Freeway
Parkdale Mall
Beaumont, TX 77706
(713) 898-2552

JCPenney
Product Service
4143 Valley View Lane
Dallas, TX 75234
(214) 387-6950

JCPenney
Product Service
10600 Hempstead H'way 100
Suite 100
Houston, TX 77008
(713) 686-4303

JCPenney
Product Service
3115 Erie Street
Forth Worth, TX 76112
(817) 457-1860

JCPenney
Product Service
5014 Airpark Drive
San Antonio, TX 78227
(512) 435-4293

JCPenney
Product Service
5502 S. Padre Island Dr.
Padre Staples Mall
Corpus Christi, TX 78411
(512) 991-7251

JCPenney
Product Service
2300 Highland Mall S/C
Austin, TX 78752
(512) 452-9262

JCPenney
Product Service
Town Plaza S/C
Victoria, TX 77901
(512) 578-1511

JCPenney
Product Service
100 Sher-Den Mall
Sherman, TX 75090
(214) 893-7566

JCPenney
Product Service
11 Sunset Shopping Center
Amarillo, TX 79102
(806) 355-7241

UTAH
JCPenney
Product Service
1735 S. Redwood Road
Salt Lake City, UT 84104
(801) 350-2246

VERMONT
JCPenney
Product Service
29 Church Street
Burlington, VT 05401
(419) 422-9022

VIRGINIA
JCPenney
Product Service
3211 Colvin Street
Alexandria, VA 22314
(703) 751-4850

JCPenney
Product Service
5611 Pride Road
Richmond, VA 23224
(804) 231-4443

JCPenney
Product Service
601 Woodis Avenue
Norfolk, VA 23510
(804) 623-6192

JCPenney
Product Service
Tanglewood Mall
Rte. 419 & Rte. 220
Roanoke, VA 24014
(704) 328-2661

JCPenney
Product Service
West Main Street
Ballou Park S/C
Danville, VA 24541
(804) 793-0021

WASHINGTON
JCPenney
Product Service
730 No. Hamilton
Spokane, WA 99220
(509) 484-3250

JCPenney
Product Service
17200 Southcenter Parkway
Seattle, WA 98188
(206) 575-0888

JCPenney
Product Service
100 Columbia Center
Columbia City S/C
Kennewick, WA 99336
(509) 783-4111

WISCONSIN
JCPenney
Product Service
6817 W. Morgan Avenue
Milwaukee, WI 53220
(414) 541-3880